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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-11-20-42** **Date: 19/06/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 14-06-21

Customer ID : Coping Concrete for SSM - (Srinivaspura Sai Baba Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	12/06/2021	19/06/2021	150.67 X 151.52 X 150.04	22830	8.008	425.5	18.6	18.5
2	Coping Concrete for SSM	M20	12/06/2021	19/06/2021	151.17 X 150.82 X 151.22	22799	8.687	415.5	18.2	
3	Coping Concrete for SSM	M20	12/06/2021	19/06/2021	149.78 X 150.37 X 150.88	22522	8.572	420.6	18.7	

* The results obtained are satisfactory as per standard requirements.

Sig.....
Date.....

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2021-11-20-42 **Date: 10/07/2021**
Project Name	:	Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency	:	Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference	:	EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt	:	14-06-21
Customer ID	:	Coping Concrete for SSM - (Srinivaspura Sai Baba Temple Road)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	10/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	12/06/2021	10/07/2021	150.38 X 151.92 X 149.85	22846	8.246	532.4	23.3	23.0
2	Coping Concrete for SSM	M20	12/06/2021	10/07/2021	151.52 X 151.85 X 150.83	23008	8.974	510.1	22.2	
3	Coping Concrete for SSM	M20	12/06/2021	10/07/2021	151.32 X 151.27 X 150.97	22890	8.116	535.0	23.4	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42

Date: 25/06/2021

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 21-06-21

Customer ID : Plinth Beam Concrete - (Srinivaspura Sai Baba Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/06/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	18/06/2021	25/06/2021	151.88 X 151.47 X 150.10	23005	**8.008**	421.9	18.3	18.5
2	Plinth Beam Concrete	M20	18/06/2021	25/06/2021	150.83 X 149.91 X 151.78	22610	**8.687**	418.4	18.5	
3	Plinth Beam Concrete	M20	18/06/2021	25/06/2021	149.94 X 149.35 X 150.79	22394	**8.572**	418.6	18.7	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Sig.....
Date.....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42
Date: 16/07/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 21-06-21
Customer ID : Plinth Beam Concrete - (Srinivaspura Sai Baba Temple Road)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 16/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	Plinth Beam Concrete	M20	18/06/2021	16/07/2021	151.20 X 151.00 X 149.25	22831	8.246	528.6	23.2	23.0
2	Plinth Beam Concrete	M20	18/06/2021	16/07/2021	150.63 X 149.94 X 151.63	22584	8.974	519.0	23.0	
3	Plinth Beam Concrete	M20	18/06/2021	16/07/2021	151.75 X 150.04 X 149.81	22768	8.116	523.9	23.0	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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R KARTHIK RECHAN
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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42
Date: 02/07/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 28-06-21
Customer ID : Lintel Beam Concrete - (Srinivaspura Sai Baba Temple Road)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 02/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	25/06/2021	02/07/2021	150.91 X 151.33 X 149.46	22838	8.008	428.4	18.8	18.6
2	Lintel Beam Concrete	M20	25/06/2021	02/07/2021	151.63 X 149.48 X 149.05	22667	8.687	422.2	18.6	
3	Lintel Beam Concrete	M20	25/06/2021	02/07/2021	150.44 X 149.54 X 150.84	22498	8.572	411.7	18.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 23/07/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 28-06-21

Customer ID : Lintel Beam Concrete - (Srinivaspura Sai Baba Temple Road)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 23/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	25/06/2021	23/07/2021	150.68 X 149.82 X 150.74	22575	8.246	523.6	23.2	22.8
2	Lintel Beam Concrete	M20	25/06/2021	23/07/2021	150.14 X 149.13 X 149.74	22391	8.974	492.9	22.0	
3	Lintel Beam Concrete	M20	25/06/2021	23/07/2021	150.52 X 149.92 X 150.48	22566	8.116	523.5	23.2	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sig.....

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42
Date: 07/07/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 02-07-21
Customer ID : Step Concrete - (Srinivaspura Sai Baba Temple Road)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 07/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	30/06/2021	07/07/2021	150.22 X 151.79 X 151.45	22802	8.008	418.1	18.3	18.6
2	Entrance step Concrete	M20	30/06/2021	07/07/2021	149.60 X 149.78 X 150.89	22408	8.687	415.2	18.5	
3	Entrance step Concrete	M20	30/06/2021	07/07/2021	150.30 X 150.45 X 151.98	22613	8.572	429.3	19.0	

* The results obtained are satisfactory as per standard requirements.

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Project Division
Yelahanka Zone
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/07/2021

Lab ID	:	CP-2021-11-20-42
Project Name	:	Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency	:	Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference	:	EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt	:	02-07-21
Customer ID	:	Step Concrete - (Srinivaspura Sai Baba Temple Road)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	28/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	30/06/2021	28/07/2021	151.71 X 149.09 X 149.44	22619	**8.246**	520.6	23.0	22.8
2	Entrance step Concrete	M20	30/06/2021	28/07/2021	150.32 X 149.32 X 150.06	22446	**8.974**	496.3	22.1	
3	Entrance step Concrete	M20	30/06/2021	28/07/2021	151.27 X 149.24 X 149.97	22575	**8.116**	526.8	23.3	

* The results obtained are satisfactory as per standard requirements.

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 12/07/2021**
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 08-07-21
Customer ID : Coping Concrete for SSM - (Someshwara layout Kattigen halli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 12/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	05/07/2021	12/07/2021	151.87 X 149.55 X 149.66	22713	**8.008**	417.5	18.4	18.4
2	Coping Concrete for SSM	M20	05/07/2021	12/07/2021	151.64 X 149.00 X 151.06	22595	**8.687**	409.3	18.1	
3	Coping Concrete for SSM	M20	05/07/2021	12/07/2021	149.24 X 149.91 X 151.21	22373	**8.572**	417.0	18.6	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL Pro Sig..... Date..... BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 02/08/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 08-07-21

Customer ID : Coping Concrete for SSM - (Someshwara layout Kattigen halli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	05/07/2021	02/08/2021	150.74 X 150.97 X 151.72	22756	**8.246**	539.8	23.7	23.0
2	Coping Concrete for SSM	M20	05/07/2021	02/08/2021	149.20 X 151.53 X 149.89	22608	**8.974**	501.9	22.2	
3	Coping Concrete for SSM	M20	05/07/2021	02/08/2021	150.72 X 150.94 X 150.04	22749	**8.116**	528.0	23.2	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Sig.....
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 Date: 19/07/2021

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 15-07-21

Customer ID : Plinth Beam Concrete - (Someshwara layout Kattigen halli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	12/07/2021	19/07/2021	151.03 X 150.60 X 151.46	22744	8.008	415.8	18.3	18.6
2	Plinth Beam Concrete	M20	12/07/2021	19/07/2021	151.05 X 150.11 X 149.58	22674	8.687	430.1	19.0	
3	Plinth Beam Concrete	M20	12/07/2021	19/07/2021	150.66 X 150.46 X 150.28	22668	8.572	422.2	18.6	

*The results obtained are satisfactory as per standard requirements.

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Sig.....
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Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 09/08/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 15-07-21

Customer ID : Plinth Beam Concrete - (Someshwara layout Kattigen halli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	12/07/2021	09/08/2021	150.70 X 151.46 X 150.70	22826	**8.246**	541.9	23.7	23.4
2	Plinth Beam Concrete	M20	12/07/2021	09/08/2021	149.99 X 150.21 X 150.08	22530	**8.974**	514.5	22.8	
3	Plinth Beam Concrete	M20	12/07/2021	09/08/2021	151.62 X 149.84 X 150.83	22719	**8.116**	537.3	23.6	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Sig.....
Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42

Date: 24/07/2021

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 19-07-21

Customer ID : Lintel Beam Concrete - (Someshwara layout Kattigen halli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	17/07/2021	24/07/2021	149.79 X 151.21 X 150.61	22650	8.008	428.9	18.9	18.7
2	Lintel Beam Concrete	M20	17/07/2021	24/07/2021	149.66 X 151.19 X 149.13	22626	8.687	425.5	18.8	
3	Lintel Beam Concrete	M20	17/07/2021	24/07/2021	151.25 X 151.13 X 150.09	22858	8.572	421.7	18.4	

*The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sig.....
Date .....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42
Date: 14/08/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 19-07-21
Customer ID : Lintel Beam Concrete - (Someshwara layout Kattigen halli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 14/08/2021

Sl No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	17/07/2021	14/08/2021	149.01 X 150.23 X 149.05	22387	8.246	532.2	23.8	23.3
2	Lintel Beam Concrete	M20	17/07/2021	14/08/2021	149.56 X 150.25 X 151.91	22472	8.974	497.6	22.1	
3	Lintel Beam Concrete	M20	17/07/2021	14/08/2021	150.08 X 149.48 X 149.92	22434	8.116	537.9	24.0	

*The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sig.....
Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42

Date: 31/07/2021

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 26-07-21

Customer ID : Step Concrete - (Someshwara layout Kattigen halli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 31/07/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	24/07/2021	31/07/2021	150.06 X 150.01 X 150.27	22510	8.008	423.1	18.8	18.7
2	Entrance step Concrete	M20	24/07/2021	31/07/2021	150.46 X 149.65 X 150.50	22517	8.687	417.0	18.5	
3	Entrance step Concrete	M20	24/07/2021	31/07/2021	149.75 X 150.96 X 150.09	22606	8.572	425.3	18.8	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Pre Division
Yelahanka Zone
BBMP, Bangalore

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 21/08/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 26-07-21

Customer ID : Step Concrete - (Someshwara layout Kattigen halli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	24/07/2021	21/08/2021	150.32 X 151.68 X 149.52	22801	**8.246**	533.9	23.4	23.1
2	Entrance step Concrete	M20	24/07/2021	21/08/2021	150.65 X 149.59 X 149.46	22536	**8.974**	508.5	22.6	
3	Entrance step Concrete	M20	24/07/2021	21/08/2021	150.32 X 149.39 X 150.96	22457	**8.116**	524.1	23.3	

*The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Yelahanka Zone
BBMP, Bangalore

Sig.....
Date .....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 02/08/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 28-07-21

Customer ID : Coping Concrete for SSM - (Saptagiri Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 02/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	26/07/2021	02/08/2021	149.15 X 149.39 X 150.65	22281	**8.008**	418.4	18.8	18.4
2	Coping Concrete for SSM	M20	26/07/2021	02/08/2021	151.85 X 151.56 X 149.85	23014	**8.687**	414.3	18.0	
3	Coping Concrete for SSM	M20	26/07/2021	02/08/2021	149.33 X 150.10 X 151.23	22414	**8.572**	415.6	18.5	

* The results obtained are satisfactory as per standard requirements.

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Sig.....
Date.....

Asst. Executive Engineer
Project Division
Yelahanka Zone
BMP, Bangalore

****End of Report****

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42
Date: 23/08/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 28-07-21
Customer ID : Coping Concrete for SSM - (Saptagiri Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 23/08/2021

Sl No	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	26/07/2021	23/08/2021	149.06 X 151.93 X 151.08	22648	**8.246**	524.9	23.2	22.8
2	Coping Concrete for SSM	M20	26/07/2021	23/08/2021	149.18 X 151.77 X 149.70	22640	**8.974**	498.7	22.0	
3	Coping Concrete for SSM	M20	26/07/2021	23/08/2021	151.91 X 149.27 X 149.30	22676	**8.116**	527.2	23.3	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

Sig.....
Date .....

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 06/08/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 02-08-21

Customer ID : Plinth Beam Concrete - (Saptagiri Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 06/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	30/07/2021	06/08/2021	151.65 X 150.34 X 149.71	22799	**8.008**	431.5	18.9	18.6
2	Plinth Beam Concrete	M20	30/07/2021	06/08/2021	150.97 X 149.44 X 151.93	22561	**8.687**	419.9	18.6	
3	Plinth Beam Concrete	M20	30/07/2021	06/08/2021	150.63 X 150.55 X 150.00	22677	**8.572**	411.8	18.2	

*The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Sig.....
Date .....

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42
Date: 27/08/2021
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 02-08-21
Customer ID : Plinth Beam Concrete - (Saptagiri Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 27/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	30/07/2021	27/08/2021	150.06 X 149.40 X 151.77	22418	8.246	524.9	23.4	23.1
2	Plinth Beam Concrete	M20	30/07/2021	27/08/2021	150.95 X 151.74 X 150.55	22905	8.974	519.3	22.7	
3	Plinth Beam Concrete	M20	30/07/2021	27/08/2021	149.01 X 149.49 X 150.74	22275	8.116	515.5	23.1	

* The results obtained are satisfactory as per standard requirements.

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Project Division
Yelahanka Zone
BBMP, Bangalore

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Authorized Signatory
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****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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